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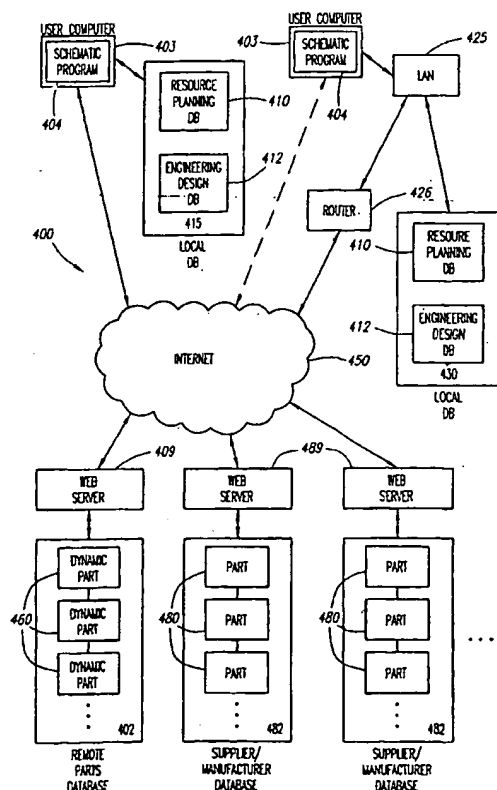
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[Continued on next page]

(54) Title: **AUTOMATED METHOD AND SYSTEM FOR SELECTING AND PROCURING ELECTRONIC COMPONENTS USED IN CIRCUIT AND CHIP DESIGNS**



(57) Abstract: A method and system for obtaining information about electronic components, managing that information, and/or purchasing and procuring electronic components comprises a remote parts database connected to a distributed electronic network, such as the Internet. The remote parts database stores a plurality of dynamic parts for use in a schematic program run on a user workstation. When the user connects to the remote parts database, a listing of available dynamic parts are displayed on the user's workstation. The user selects dynamic parts for inclusion into an application (such as a schematic program) running on the user's workstation. The dynamic parts are downloaded to the user workstation and a local database. The downloaded information includes data regarding the parts functionality plus component data items such as supplier or distributor information, timing information, application notes, and a link (e.g., URL) to either the remote parts database or a remote supplier or manufacturer database. As dynamic parts are selected for use in a design, their information may be forwarded to a parts approval process for qualification with the designer's organization. From a design in the schematic program having multiple dynamic parts, a bill of materials may be automatically generated based on the locally stored component data items, including the supplier/distributor information.



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INTERNATIONAL SEARCH REPORT

Int. onal Application No

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F17/50

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, IBM-TDB, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	SCHINDLER P ET AL: "IP repository, a Web based IP reuse infrastructure" CUSTOM INTEGRATED CIRCUITS, 1999. PROCEEDINGS OF THE IEEE 1999 SAN DIEGO, CA, USA 16-19 MAY 1999, PISCATAWAY, NJ, USA, IEEE, US, 16 May 1999 (1999-05-16), pages 415-418, XP010340679 ISBN: 0-7803-5443-5 the whole document --- -/--	1-22

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

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T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

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Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>US 5 878 408 A (MCDONALD DARRYL JAMES ET AL) 2 March 1999 (1999-03-02) column 10, line 24 - line 65 column 15, section 1.6 column 17, section 1.8 column 26, section 1.17 column 27, section 1.18 column 28, section 1.20 figure 10</p>	1-22
X	<p>GEPPERT L: "THE RISING TIDE OF WEB-BASED TOOLS AND SERVICES AUGURS THE NEXT SEACHANGE IN ELECTRONIC DESIGN IC DESIGN ON THE WORLD WIDE WEB" IEEE SPECTRUM, IEEE INC. NEW YORK, US, vol. 35, no. 6, June 1998 (1998-06), pages 45-50, XP000871451 ISSN: 0018-9235 page 48, column 3 page 49, column 3 figure 5</p>	1-22
A	<p>MORETTI: "GOT IP" PRINTED CIRCUIT DESIGN, MILLER FREEMAN, SAN FRANCISCO, CA, US, vol. 15, no. 10, October 1998 (1998-10), pages 31-33, XP000920568 ISSN: 0884-9862 page 31, column 2, line 1 - line 22 page 33, column 1, line 46 -column 2</p>	1-22
A	<p>EP 0 433 066 A (HEWLETT PACKARD CO) 19 June 1991 (1991-06-19) column 5, line 42 -column 7, line 28 figures 3-5</p>	1,5,14

INTERNATIONAL SEARCH REPORT

Information on patent family members

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